

IN THE CLAIMS

Please amend claims 1 and 9 as follows:

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1. (Amended) A method for enhancing the flux rate of a substance through a porated tissue, comprising the step of delivering an effective amount of a flux enhancer into the tissue through at least one micropore made into an outer layer of [in] the tissue so that the flux enhancer acts on tissue structures in or beneath the outer layer thereby increasing the flux rate of a substance through the tissue.

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9. (Twice Amended) A method of enhancing the flux rate of a substance through a biological membrane, comprising steps of:
(a) porating the biological membrane to form at least one micropore in the biological membrane; and
(b) delivering an effective amount of a flux enhancer to the tissue through the micropore in the biological membrane so that the flux enhancer acts on tissue structures in or beneath the biological membrane.

Please add the following new claims 46-48:

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46 (New) A method of enhancing the flux rate of a substance through a biological membrane, comprising steps of:

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(a) porating the biological membrane to form at least one micropore in the biological membrane; and
(b) delivering an effective amount of a flux enhancer to through the micropore in the biological membrane, wherein the flux enhancer contains ammonia.

47 (New) A method of enhancing the flux rate of a substance through a biological membrane, comprising steps of:

- (a) porating the biological membrane to form at least one micropore in the biological membrane;

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- (b) delivering an effective amount of a flux enhancer to through the micropore in the biological membrane, wherein the step of delivering an effective amount of a flux enhancer comprises steps of positioning a reservoir containing a quantity of flux enhancer adjacent the surface of the biological membrane, and applying sufficient energy to the reservoir of flux enhancer to vaporize at least a portion of the quantity of flux enhancer thereby releasing at least a portion of the quantity of flux enhancer from the reservoir into the at least one micropore;

wherein the steps of porating the membrane and applying sufficient energy comprise the step of introducing a heated element through the reservoir and into the biological membrane.

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48. (New) The method of claim 14, wherein the steps of porating and delivering comprise applying a sufficient amount of electromagnetic energy onto an energy absorbing layer placed adjacent the surface of the biological membrane, wherein the energy absorbing layer is treated with said effective amount of flux enhancer such that said reservoir is incorporated in said energy absorbing layer.--

REMARKS

The foregoing changes to the claims and the following remarks are submitted in an effort to place the present application in condition for allowance. Reconsideration is respectfully requested.

Claims 1-21, 29 and 44-48 are pending in this application. By this Amendment, claims 1 and 9 have been amended and claims 46-48 have been added.

The allowability of claims 16, 19, 20 and 44 is noted with appreciation. Accordingly, claims 46 and 47 have been added. Claim 46 is directed to the subject matter of claim 44, including the limitations of its parent independent claim and any intervening claims. Claim 47 is directed to the subject matter of claim 16, including the